

PNEUMATIC TIRE HAVING INNER LINER

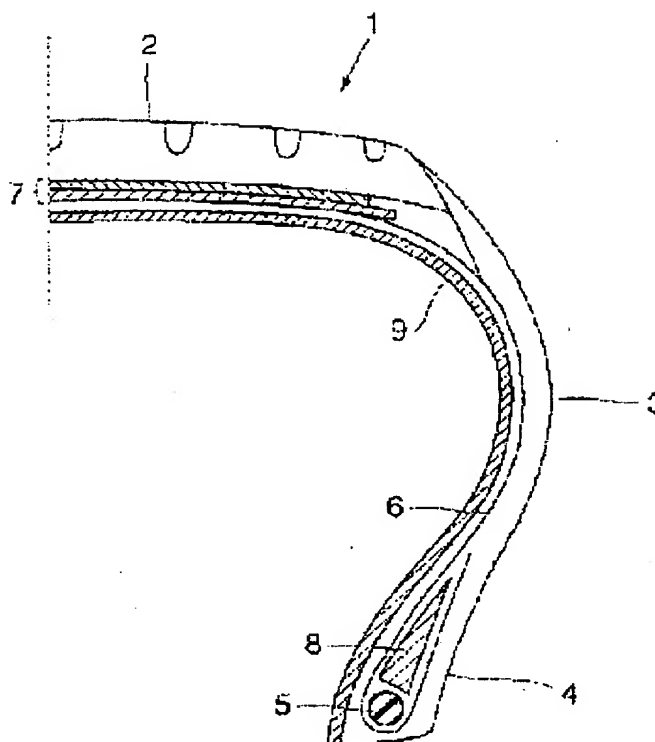
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Abstract of JP2003039913

PROBLEM TO BE SOLVED: To provide a pneumatic tire which can reduce the road noise attributable to the tire vibration when a vehicle travels on a rough road, and improve the air impermeability of an inner liner.

SOLUTION: The pneumatic tire has the inner liner consisting of a rubber composition in which ≥ 40 mass % butyl rubber is contained in a rubber composition of 100 mass part, and hollow particles of the mean particle size of $\leq 500 \mu\text{m}$ are mixed so that the volumetric ratio is 2-40%. The hollow particles preferably have the strength that the ratio of breakage is $\leq 40\%$ at the hydrostatic pressure of 500 kg/cm².



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